

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070168A

Prepared By:

Revised By:

Revised per ECO 4413: Added square corner orientation note.

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
10/19/2012 GL				10/19/2012 TFG

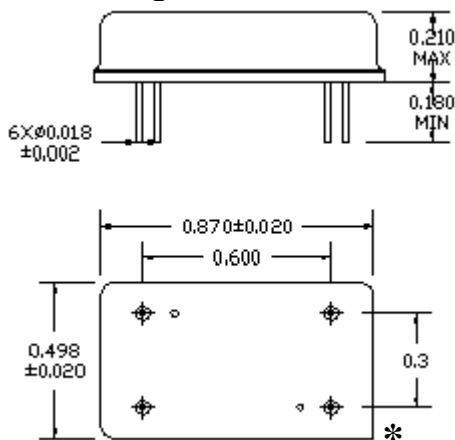
FILTRONETICS Inc

1. Part Number: SF070168A

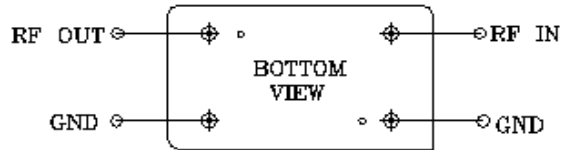
2. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.85	70.0	70.15
Insertion Loss at F ₀	dB		27.5	28
1 dB Bandwidth	MHz	16	16.08	
3 dB Bandwidth	MHz	16.8	16.94	
40dB Bandwidth	MHz		20.30	20.5
Passband Variation	dB		0.3	0.5
Group Delay Variation	nsec		20	
Absolute Delay	usec		1.42	
Ultimate Rejection	dB	50	53	
Substrate Material	-		128LiNbO ₃	
Ambient Temperature	°C		25	

3. Mechanical Package:

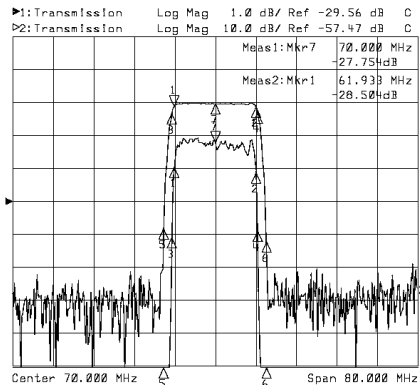


* Note:
Square corner denotes orientation.

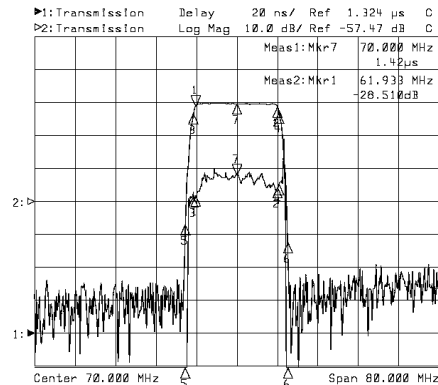


No Matching Required
Source/Load Impedance=50ohm
Package Style XI

4. Plots:



Horizontal: 8MHz/Div
Vertical: 1db & 10dB/Div



Horizontal: 8MHz/Div
Vertical: 20nsec/Div